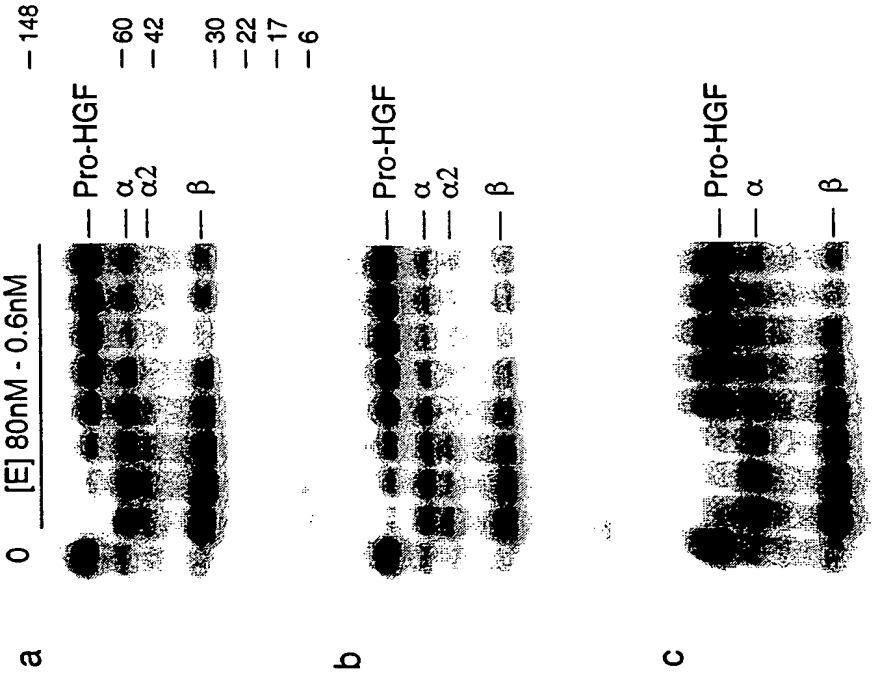


Figure 1

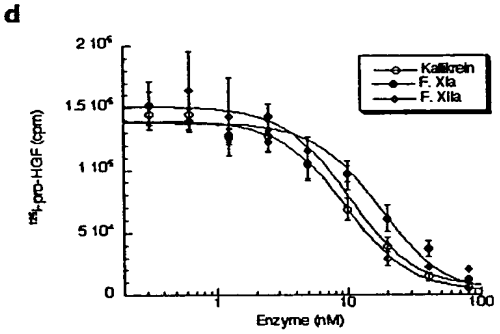

d
2 10⁵
1.5 10⁵
1 10⁵
5 10⁴
0
¹²⁵I-pro-HGF (cpm)
1
10
100
Enzyme (nM)
Kallikrein
F. XIa
F. XIIa

Figure 1d

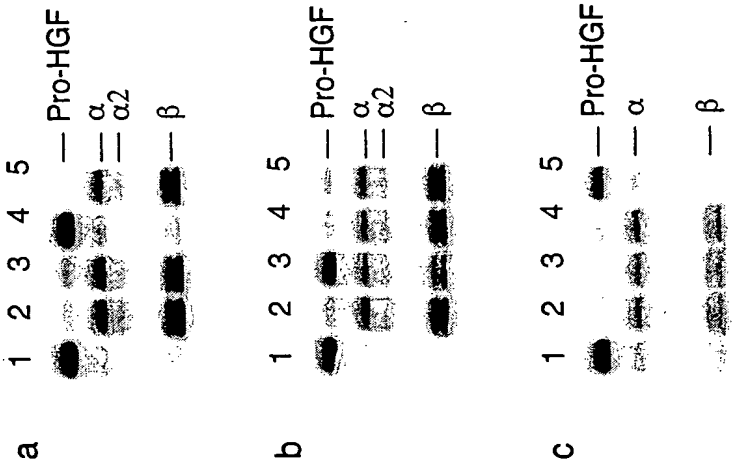
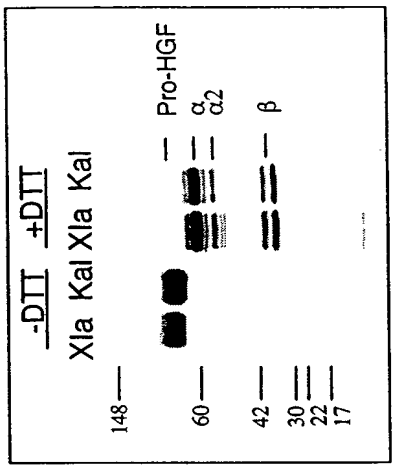


Figure 2


-DTT +DTT
Xla Kal Xla Kal
148
60
42
30
22
17
Pro-HGF
α
α2
β

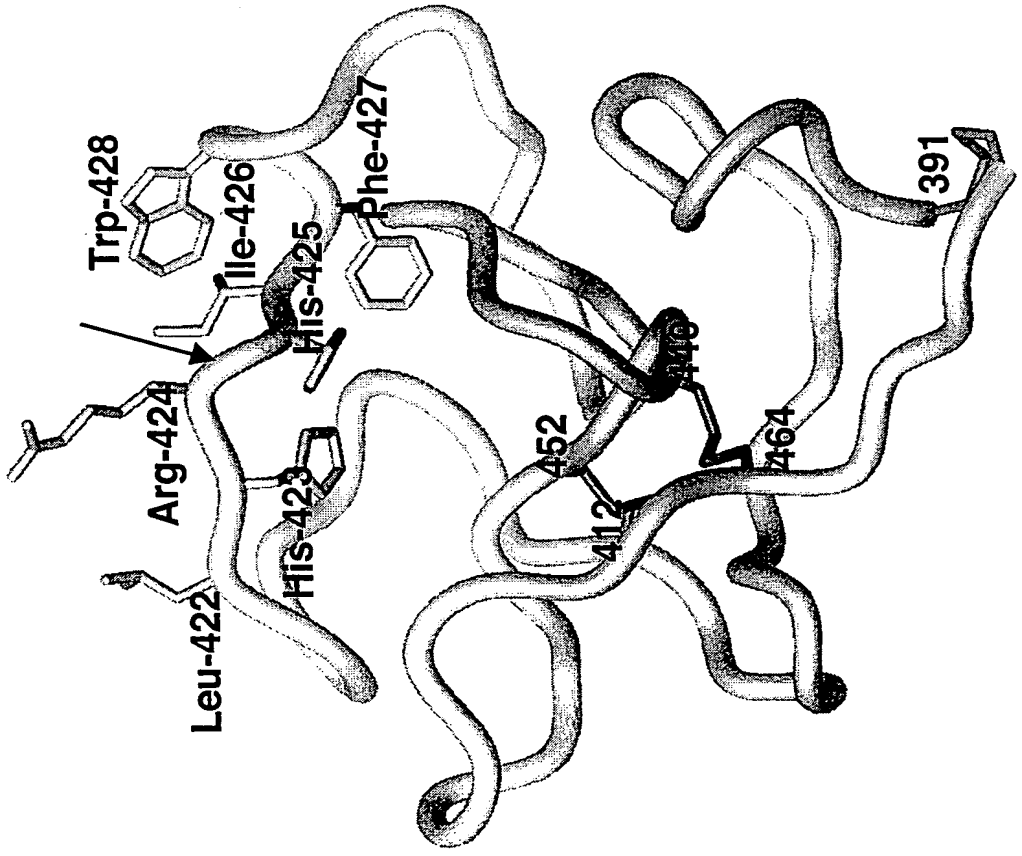

Trp-428
Ile-426
His-425
Phe-427
Arg-424
His-423
Leu-422
452
412
464
391
469

Figure 3

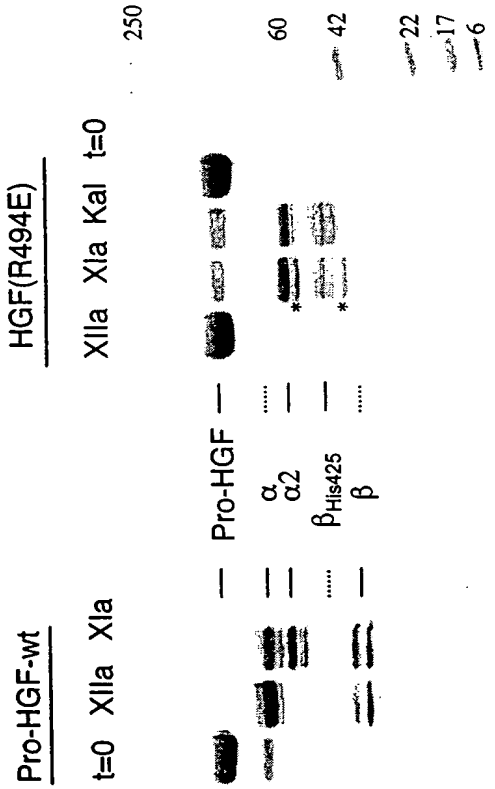

Pro-HGF-wt
t=0 XIIa XIa
HGF(R494E)
XIIa XIa Kal t=0
250
60
42
22
17
6
Pro-HGF
α
α2
βHis425
β

Figure 4

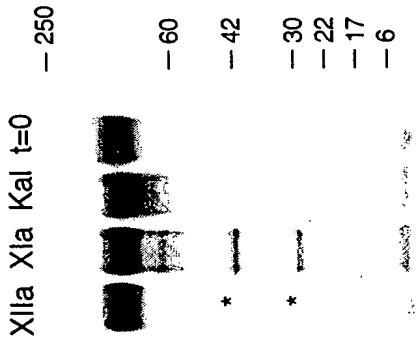


Figure 5

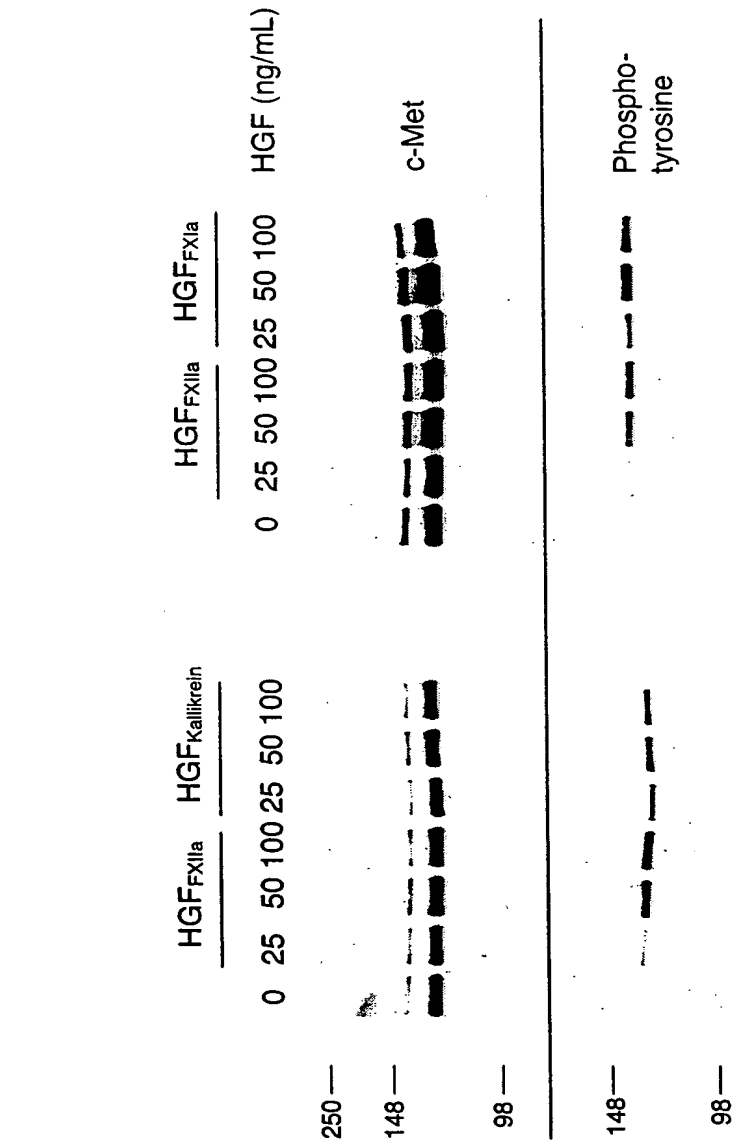

HGF$_{FXIIa}$ HGF$_{Kallikrein}$
0 25 50 100 25 50 100
HGF$_{FXIIa}$ HGF$_{FXIa}$
0 25 50 100 25 50 100
HGF (ng/mL)
250
148
98
c-Met
148
98
Phospho-tyrosine

Figure 6

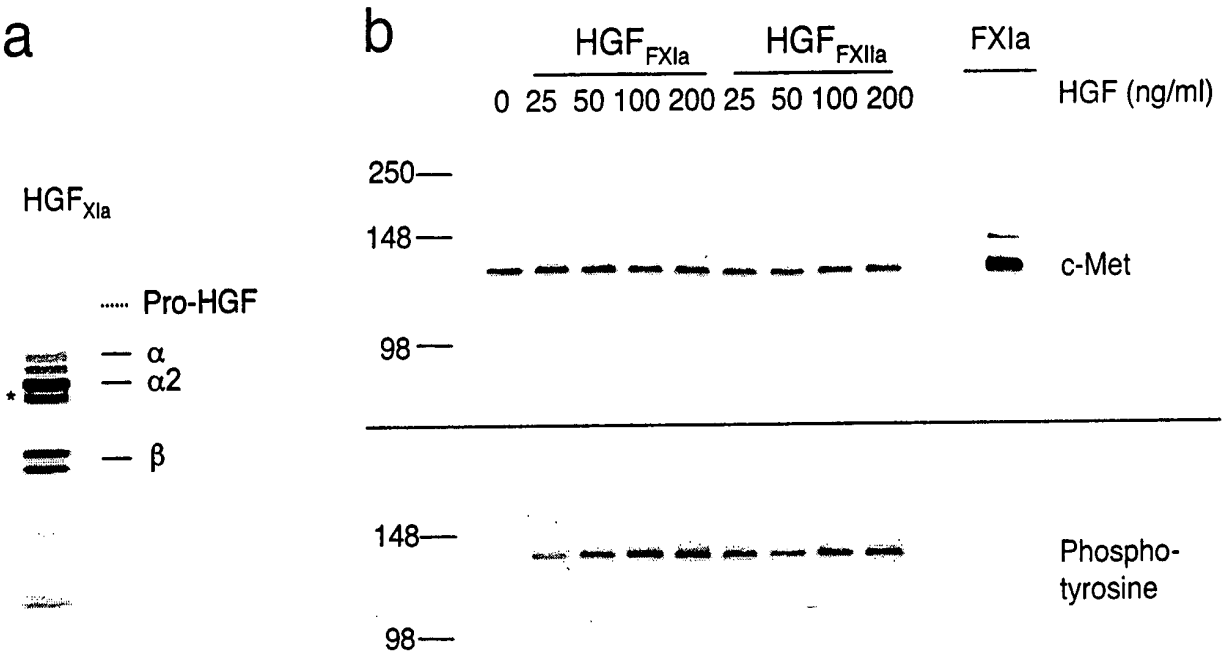

a
HGF$_{XIa}$
Pro-HGF
α
α2
β
b
HGF$_{FXIa}$
HGF$_{FXIIa}$
FXIa
0 25 50 100 200 25 50 100 200
HGF (ng/ml)
250
148
98
c-Met
148
98
Phospho-
tyrosine

Figure 7